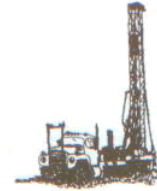




LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



Operator License #: 30345	API #: 15-001-31183-00-00
Operator: Piqua Petro, Inc.	Lease: Bruenger
Address: 1331 Xylan Rd, Piqua, KS 66761	Well #: 9-14
Phone: (620) 433-0099	Spud Date: 10-16-14 Completed: 10-20-14
Contractor License: 34036	Location: SE-SW-SW-NE of 14-25-17E
T.D. : 875 T.D. of Pipe: 872 Size: 2.875"	2950 Feet From South
Surface Pipe Size: 7" Depth: 22'	2120 Feet From East
Kind of Well: Oil	County: Allen

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
1	Soil	0	1	3	Shale	793	796
12	Lime	1	13	3	Lime	796	799
135	Shale	13	148	26	Shale	799	825
12	Lime	148	160	2	Oil Sand	825	827
6	Shale	160	166	1	Shale	827	828
62	Lime	166	228	9	Oil Sand	828	837
85	Shale	228	313	38	Sandy Shale	837	875
67	Lime	313	380				
7	Shale/Black Shale	380	387				
28	Lime	387	415				
4	Shale/Black Shale	415	419				
31	Lime	419	450				
154	Shale	450	604				
2	Lime	604	606				
26	Shale	606	632				
7	Lime	632	639				
72	Shale	639	711				
6	Lime	711	717				
7	Shale	717	724				
12	Lime	724	736		T.D.		875
5	Shale	736	741		T.D. of Pipe		872
4	Lime	741	745				
2	Black Shale	745	747				
24	Shale	747	771				
5	Lime	771	776				
3	Shale	776	779				
7	Lime	779	786				
5	Shale	786	791				
2	Black Shale	791	793				



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 271974

Invoice Date: 10/23/2014 Terms: 0/30/10,n/30

Page 1

LAIR, GREG
DBA: PIQUA PETRO INC
1331 KYLAN ROAD
PIQUA KS 66761
(620)468-2681

BRUENGER 9-14
6400000106
10/21/2014
KS

Part Number	Description	Qty	Unit Price	Total
1118B	PREMIUM GEL / BENTONITE	350.00	.2200	77.00
1107A	PHENOSEAL (M) 40# BAG)	80.00	1.3500	108.00
1110A	KOL SEAL (50# BAG)	500.00	.4600	230.00
1102	CALCIUM CHLORIDE (50#)	100.00	.7800	78.00
1131	60/40 POZ MIX	105.00	13.1800	1383.90
1123	CITY WATER	2000.00	.0173	34.60
4402	2 1/2" RUBBER PLUG	2.00	29.5000	59.00

Sublet Performed	Description	Total
9996-170	CEMENT MATERIAL DISCOUNT	-563.07

Description	Hours	Unit Price	Total
445 MIN. BULK DELIVERY	1.00	368.00	368.00
611 CEMENT PUMP	1.00	1085.00	1085.00
611 EQUIPMENT MILEAGE (ONE WAY)	45.00	4.20	189.00
637 80 BBL VACUUM TRUCK	3.00	90.00	270.00

Amount Due 4028.32 if paid after 11/02/2014

Parts:	1970.50	Freight:	.00	Tax:	104.15	AR	3423.58
Labor:	.00	Misc:	.00	Total:	3423.58	5% disc	171.18
Sublt:	-563.07	Supplies:	.00	Change:	.00		3252.40

Signed _____

Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
11/12/2014	1039

Bill To
Piqua Petro, Inc. 1331 Xylan Rd Piqua, KS 66761

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
1	Drill Pit	150.00	150.00
12	Cement for Surface	11.60	139.20
1	Mississippi Bit Charge	600.00	600.00
1,242	Little Kramer 4-14	6.25	7,762.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
842	Temming 5-14	6.25	5,262.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
862	Temming 6-14	6.25	5,387.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
874	Bruenger 8-14	6.25	5,462.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
875	Bruenger 9-14	6.25	5,468.75
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
862	Shannon 20-14	6.25	5,387.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
862	Shannon 21-14	6.25	5,387.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
882	Shannon 22-14	6.25	5,512.50
1	Drill Pit	150.00	150.00
8	Cement for Surface	11.60	92.80
862	Shannon 23-14	6.25	5,387.50
1	Drill Pit	150.00	150.00
12	Cement for Surface	11.60	139.20
1,232	Karens Farm 3-14	6.25	7,700.00
1	Mississippi Bit Charge	600.00	600.00
		Total	\$62,439.55



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

3RD well

TICKET NUMBER 59870
FIELD TICKET REF # 50246
LOCATION Thayer
FOREMAN Brett Busby

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-5-14	4110	Challenger 9-14	14	255	17E	AL
CUSTOMER Pigua Petroleum Inc.						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
476	Josh	583	Mike
490	Josiah	1291	Mike
478	Donnic	820	Mike
521	Eric	111	Mike
424	Wes	774	Mike

WELL DATA

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE 2 7/8 SFU	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
825-45 (42)	Squiccel

TYPE OF TREATMENT
Acidspot + frac w/acid OTF

CHEMICALS
Biocide - Breaker
Acid - Inhibitor - Stim Oil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	20	20				BREAKDOWN 1825
16-30		20	1.5-1.0	3000		START PRESSURE
12-20			1.5			END PRESSURE
12-20			2.0	3700 ^H		BALL OFF PRESS
12-20 (8)+(5)			1.5			ROCK SALT PRESS
12-20		20	1.0			ISIP 600
12-20		20	2.0	1500 ^H		5 MIN
12-20 (4)+(3)		18	1.5			10 MIN
12-20 (2)+(1)		14	1.0			15 MIN
12-20 (23)		14	2.0	1500 ^H		MIN RATE
FLUSH CASING	5	14				MAX RATE
Release balls to T.D.			TOTAL			DISPLACEMENT 4.7
OVERFLUSH	10	20	SAND	7,000		
TOTAL BBL'S	210					

REMARKS:
Spotted 75 gal -15% HCL acid on perfs loaded 30 bio balls for frac
Blended 150 gal -Raw HCL acid -OTF
Location 3:00PM - 4:00PM 40. miles

AUTHORIZATION _____ TITLE _____ DATE 11-5-14

Terms and Conditions are printed on reverse side.